

METHOD OF PROCESSING A DIGITAL IMAGE

ABSTRACT

Processing of a mosaic digital image includes interpolating values of a first color at pixels where the first color was not sampled. The interpolation of the first color value at a given pixel includes determining likelihoods of the given pixel belonging to the same region as each of at least two other pixels having sampled values of the first color. The other pixels are in different directions relative to the given pixel. The interpolation further includes using the likelihoods and the sampled values of the other pixels to interpolate the first color at the given pixel.